

ABSTRACT OF THE DISCLOSURE

A GE-PON (Gigabit Ethernet Passive Optical Network) apparatus includes a 2xN splitter, an OLT (Optical Line Terminal) connected to the 2xN splitter via a first path line or a second path line, and a switching unit for switching the first path line or the second path line upon receiving a predetermined control signal. An ONU (Optical Network Unit) generates a switching request according to a signal environment and transmits the generated switching request to the OLT.